



Water for Monterey County

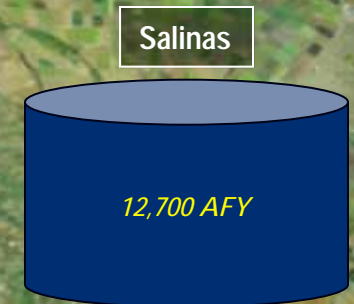
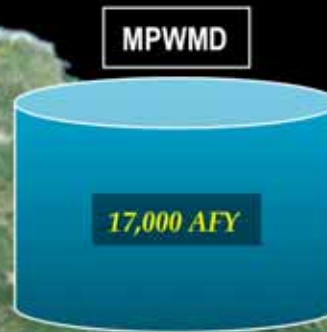
Monterey Bay National Marine Sanctuary Advisory Council

Project Update

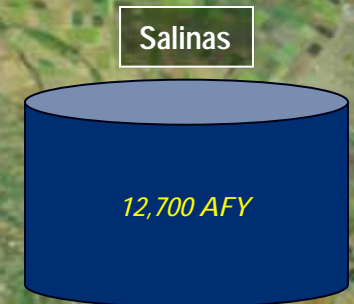
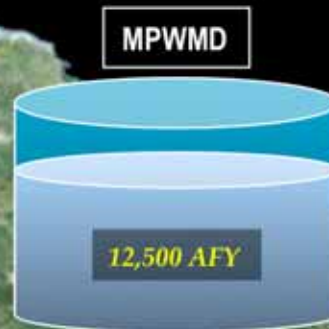
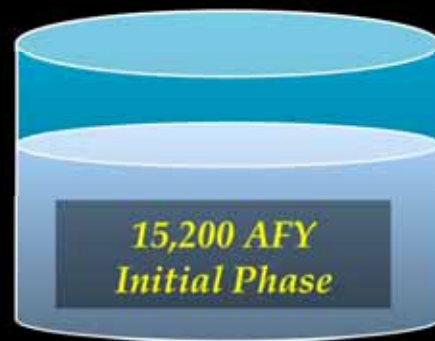
June 2009



Water for Monterey County Addresses Incremental Water Supply Needs



Initial Phase Addresses Immediate Needs of MPWMD and MCWD



Initial Phase Takes Advantage of Three Existing Initiatives

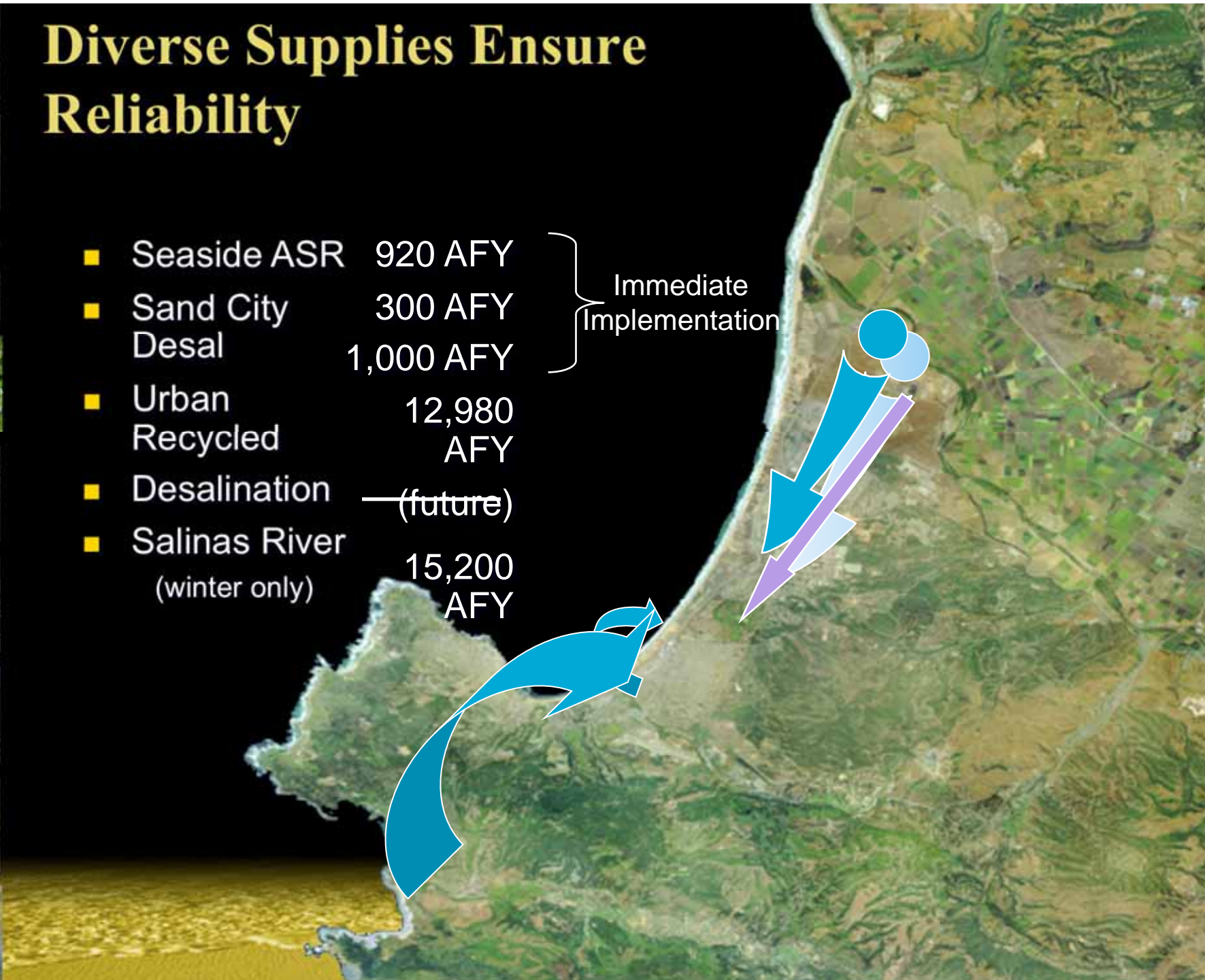
- Seaside ASR 920 AFY
 - Sand City Desal 300 AFY
 - RUWAP 1,000 AFY
- } Immediate Implementation



Diverse Supplies Ensure Reliability

- Seaside ASR 920 AFY
- Sand City 300 AFY
- Desal 1,000 AFY
- Urban Recycled 12,980 AFY
- Desalination — (future)
- Salinas River (winter only) 15,200 AFY

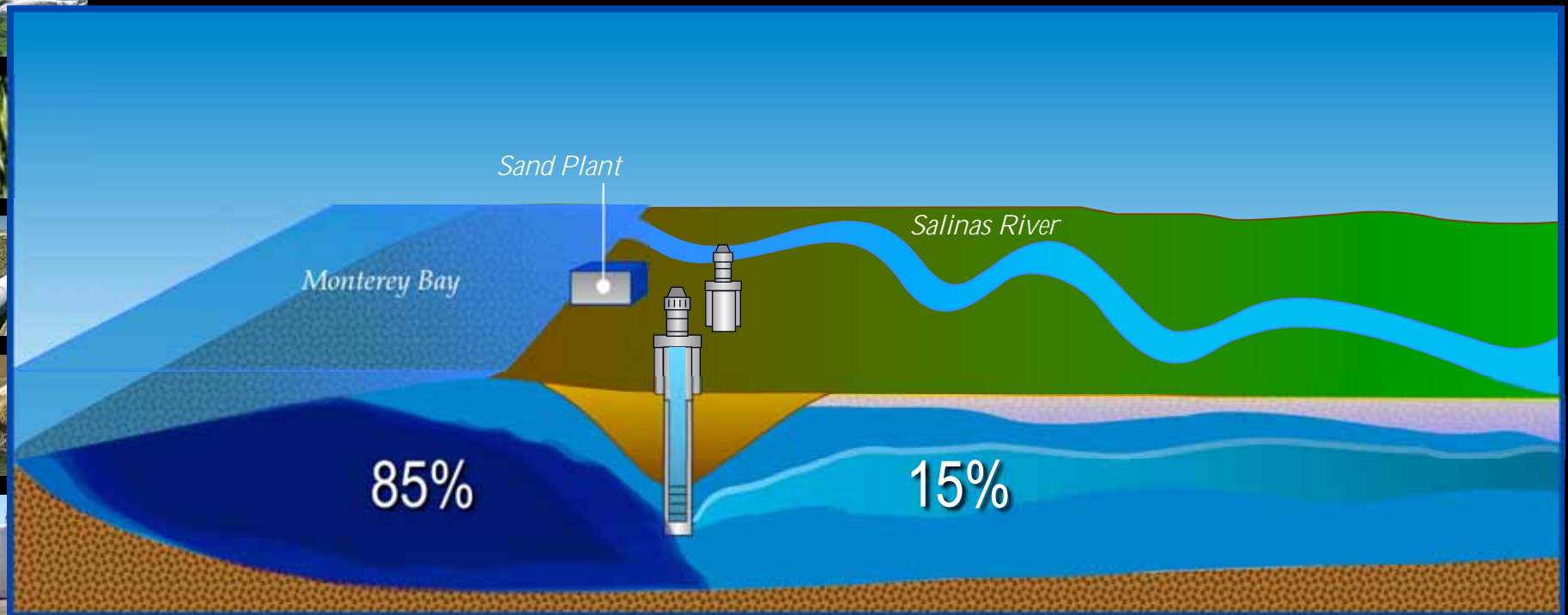
Immediate
Implementation



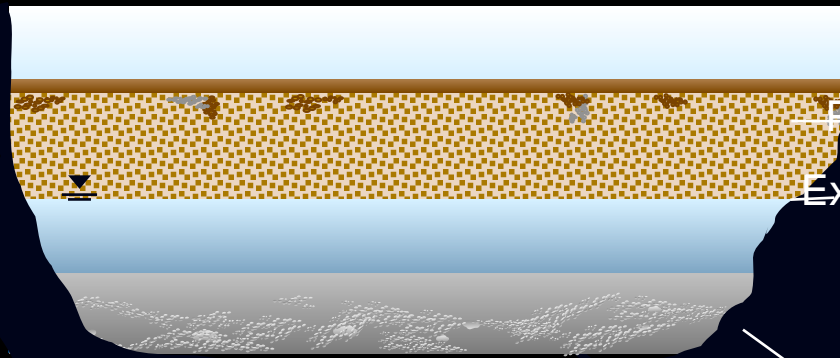
Desalination Intake Wells Will be Located on Armstrong Ranch Lands



Desalination Intake Wells Create Local Trough and Barrier to Intrusion



Seaside Basin Provides Storage to Improve Reliability



Potential GW Level
Existing GW Level

Seaside Basin

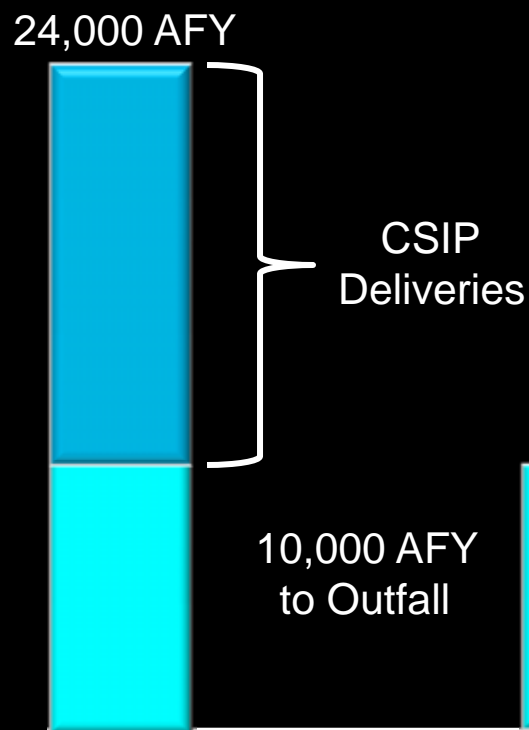


Proposed Facilities Location Offers Green Power and Brine Disposal Benefits



- Green landfill gas power from new cogeneration facility
- Potential to use
 - Nacimiento hydropower,
 - wind turbines
 - biomass conversion
- Adequate outfall capacity to meet wet weather conditions

Regional Water Supply Program will Maximize Use of Recycled Water



Possible Uses

- Storage for agricultural irrigation up to 10,000 AFY—exp. CSIP
- Urban Irrigation – MCWD CAW service areas - up to 3,000 AFY
- Advanced treatment for Seaside Basin groundwater replenishment — up to 3,000 AFY

Regional Project is More Friendly to National Marine Sanctuary

- No facilities at Moss Landing
- Groundwater based desal intake wells
- Deepwater outfall for brine disposal
- Reduced nutrient discharge to NMS



CPUC Decision will Consider Cost, Ability to Implement, and Other Factors

CPUC EIR

Desal at Moss Landing

Desal at North Marina

Regional Water Project

CPUC Decision

Desal at Moss
Landing

Or

Desal at North Marina

- Initiation of Local Agreements
- Public and Political Support

Regional Water Project

Water for Monterey County Provides Significant Regional Benefits

- Restoration of flows to the Carmel River
- Increased reliability
- Ability to address North County water needs
- Reduced impacts to National Marine Sanctuary
- Reduced carbon footprint thru green landfill power
- Immediate construction to aid economic stimulus



What Are The Continuing Steps?

- Stakeholder/Public Input
- Finalize Institutional Agreements
- Complete Permitting
- Secure Financing

Issue
Draft EIR

Close of
Public
Comments

Issue
Final EIR

Certification
Of EIR
& CPUC
Decision

February
2009

April
2009

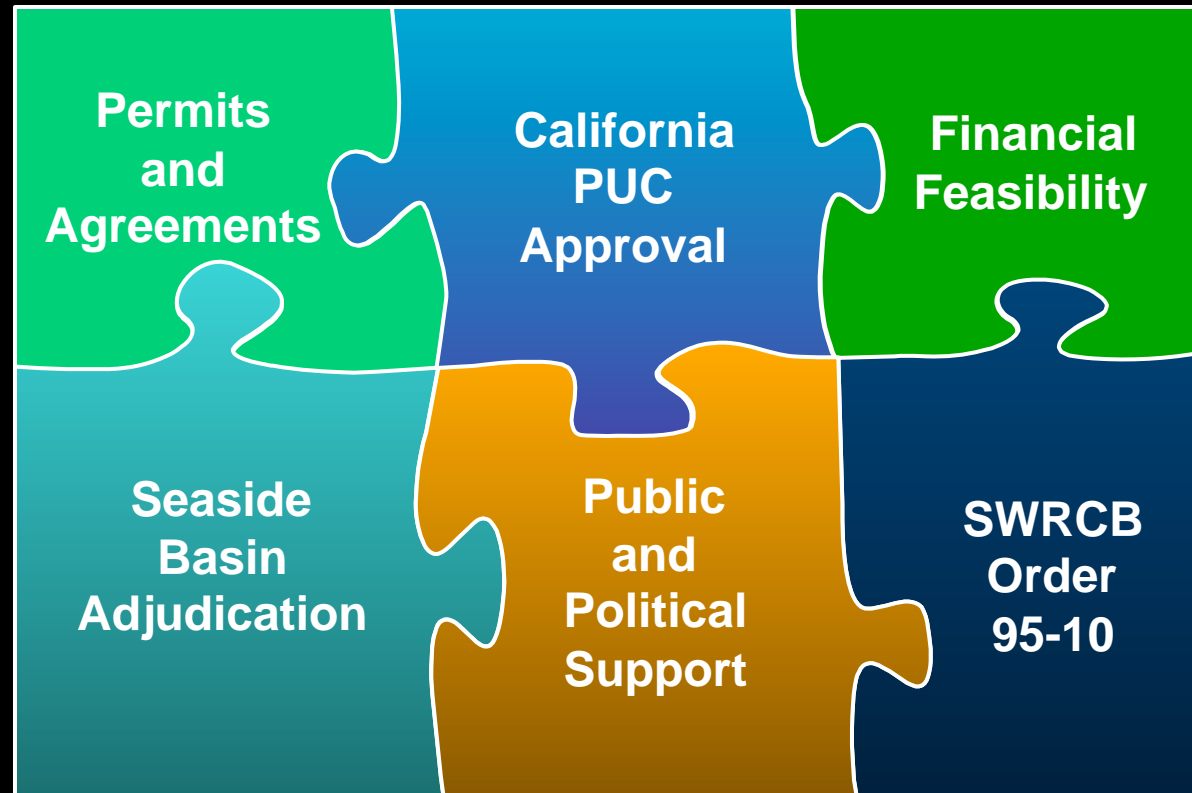
June
2009

August
2009

October
2009

December
2009

Obtaining a Successful Water Project Hinges on Numerous Factors



Water for Monterey Provides Least Cost, Sustainable Water Supply Solution

